



BRILLIANT GREEN 0.1% SOLUTION

Liquid supplement

1 – INTENDED USE

Brilliant Green 0.1% Solution is recommended for use as liquid supplement in various microbiological media formulations for *Salmonella* enrichment.

2 - COMPOSITION - BOTTLE CONTENTS

Brilliant green	50 mg
Purified water	50 mL

3 - PRINCIPLE OF THE METHOD AND EXPLANATION OF THE PROCEDURE

Brilliant Green 0.1% Solution is used for the supplementation of Tetrathionate and Mueller Kauffmann microbiological media for *Salmonella* enrichment. Brilliant green contributes to the selective action in the above-mentioned media, together with sodium tetrathionate and novobiocin. In these media, it is important that the dye is added after cooling the base medium, because heating the brilliant green or attempting to incorporate it into the medium seriously impairs its selective action.

4 - DIRECTIONS

The solution is ready to use. Brilliant Green 0.1% Solution may be used for the supplementation of the following media, cooled to 42-45°C:

Muller Kauffmann Tetrathionate Broth Base, REF 401743	9.5 mL/litre
Tetrathionate Broth Base, REF 402125	10 mL/litre

For details on the preparation methods, please refer to the Instructions for Use of the above-mentioned culture media

5 – PHYSICAL CHARACTERISTICS

Appearance of the solution green, clear

6 - MATERIALS PROVIDED - PACKAGING

Product	Type	REF	Pack
Brilliant Green 0.1% Solution	Liquid supplement	421505	50 mL

7 - MATERIALS REQUIRED BUT NOT PROVIDED

Base culture media, water-bath, sterile loops and pipettes, incubator and laboratory equipment as required, Erlenmeyer flasks, bacteriological tubes.

8 - SPECIMENS

Products intended for human consumption and the feeding of animals, and environmental samples from the area of food production and food handling.

9 - TEST PROCEDURE

For inoculation, incubation and reading procedures, please refer to the Instructions for Use of culture media mentioned above.

10 - USER QUALITY CONTROL

All manufactured lots of the product are released for sale after the Quality Control has been performed to check the compliance with the specifications. However, the end user can perform its own Quality Control testing in accordance with the prepared culture medium, the local applicable regulations, in compliance with accreditation requirements and the experience of the Laboratory. Refer to the Instructions for Use of culture media mentioned above for suggested quality control strains.

11 - LIMITATIONS OF THE METHOD

For limitations of the method, please refer to the Instructions for Use of culture media mentioned above.

12 - PRECAUTIONS AND WARNINGS

- Brilliant Green 0.1% Solution is for microbiological control and for professional use only; it must be used by adequately trained and qualified laboratory personnel, observing approved biohazard precautions and aseptic techniques.
- The supplement and the basic media shall be used in association according to the directions described above. Apply Good Manufacturing Practice in the preparation process of plated media.
- Brilliant Green 0.1% Solution is sterilised by filtration.
- Brilliant Green 0.1% Solution is not classified as hazardous; consult the Safety Data Sheet before the use,
- All laboratory specimens should be considered infectious.
- The laboratory area must be controlled to avoid contaminants such as medium powder and supplements or microbial agents.
- Sterilize all biohazard waste before disposal. Dispose the unused supplements and the sterilized media inoculated with samples or microbial strains in accordance with current local legislation.
- Do not use Brilliant Green 0.1% Solution as active ingredients for pharmaceutical preparations or as production materials intended for human and animal consumption.
- The Certificates of Analysis and the Safety Data Sheets of the products are available on the website www.biolifeitaliana.it.
- The information provided in this document has been defined to the best of our knowledge and ability and represents a guideline for the proper use of the product but without obligation or liability. In all cases existing local laws, regulations and standard procedures must be observed for the examination of samples collected from human and animal organic districts, for environmental samples and for products intended for human or animal consumption. Our information does not relieve our customers from their responsibility for checking the suitability of our product for the intended purpose.
















13 - STORAGE CONDITIONS AND SHELF LIFE

Upon receipt, store the product in the original package at 2-8°C away from direct light. If properly stored, the product may be used up to the expiry date printed on the label; do not use beyond this date. Before use, examine the solution and discard if there are obvious signs of deterioration (e.g., contamination, atypical colour or other abnormal characteristics)

TABLE OF APPLICABLE SYMBOLS

 or  Catalogue number	 Batch code	 Manufacturer	 This side up	 Fragile
 Temperature limitation	 Content sufficient for <n> tests	 Consult Instructions for Use	 Use by	 Keep away from direct light

REVISION HISTORY

Version	Description of changes	Date
Revision 1	Updated layout and content	2024/10

Note: minor typographical, grammatical, and formatting changes are not included in the revision history.

